

Recombinant Marmoset TFRC Protein, His-tagged

Cat. No. TFRC-121M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Marmoset TFRC Protein, fused to His-tag, was expressed in HEK293.
Species	Marmoset
Source	HEK293
ProteinLength	87-760 aa
Description	This gene encodes a cell surface receptor necessary for cellular iron uptake by the process of receptor-mediated endocytosis. This receptor is required for erythropoiesis and neurologic development. Multiple alternatively spliced variants have been identified.
Form	PBS, pH 7.4.
Molecular Mass	76.5 kDa
AA Sequence	<p>GYCKHVEPKIECQRLAGTESPAVENPEENLPPVVPQLYWDDLKMLSEKLDTTDFTS TIKLLNENSYVPREAGSQKDENLAWYIENQFRECKLSKVWRDEHFVKIQVKDSAQN SVTITGTNSEFVYLVENPGGYVAYSQ NATVTGKLVHANFGTEKDFEDLDSPVNGSIVI VRAGKITFAEKVANAESANAIGVLIYMDKTKFPIVDADV SFFGHAHLGTGDPYTPGFP SFNHTQFPSPRSSGLPNIPVQTISRAAAERLFENMEGDCPSDWKTDSSCRMVTSQN KSVKLSVSNVMKEIKILNIFGVIKGFVEPD RYVVVGAQRDSWGPGA AKSSVGTALLE LAQTFSDMVLKDG FQPSRSIVFASWSAGDFGSV GATEWLEGYLSSLHLKAFTFINLD KAVLGTSNFRVSASPLLYALIEKTMQE VKHPVTGLSLYQDSNWASKVEKLTFDNAAF</p>

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



PFLAYSGIPAVSFCFCEDTDYPYLGTTMDTYKELIEKIPQLNKVARAAAEVAGQFMIK
LTHDVELNLDYERYNSQLLSFLRNLNQYRADIREMGLSLQWLYSARGDFFRATSRLT
TDFKNSEKTRDFVMKELNDRVMKVEYYFLSPYVSPRESPFRHIFWGSHTLSALL
EHLKLRKTNNRAFNETLFRNQLALATWTIQGAANALSGDIWDIDNEFHFFFFFF

Purity >90%

Storage Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Concentration 1.54 mg/ml

GENE INFORMATION

Gene Name TFRC transferrin receptor [*Callithrix jacchus* (white-tufted-ear marmoset)]

Official Symbol TFRC

Synonyms T9; TR; TFR; p90; CD71; TFR1; TRFR; IMD46

Gene ID 100407510

mRNA Refseq NM_001301847

Protein Refseq NP_001288776

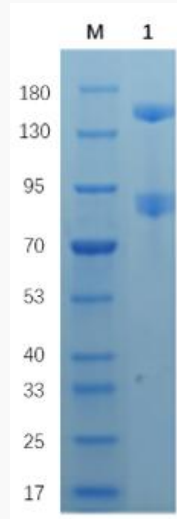
UniProt ID U3FHF5

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SDS-PAGE



Reducing 12% SDS-PAGE analysis profile of purified TFRC (CBB stained).

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